

35-1512: Polyclonal Antibody to eNOS (Ab-1177)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Human,Mouse,Rat
Gene :	NOS3
Gene ID :	4846
Uniprot ID :	P29474
Format :	Purified
Alternative Name :	Constitutive NOS, EC-NOS, ECNOS, NOS3, NOSIII
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.1175~1179 (T-Q-S-F-S) derived from Human eNOS.

Description

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 140kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

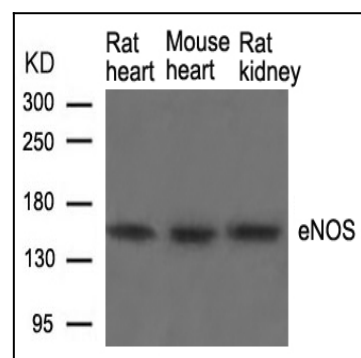


Figure 1: Western blot analysis of extracts from Rat heart, Mouse heart and Rat kidney tissue using eNOS(Ab-1177) Antibody 35-1512 .

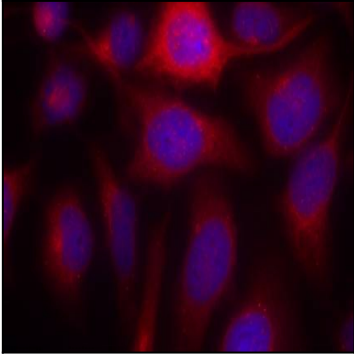


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using eNOS(Ab-1177) Antibody 35-1512 .